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COUNTY BOROUGH OF WALLASEY.



ANNUAL REPORT

OF THE

Medical Officer of Health

AND

School Medical Officer

FOR THE YEAR

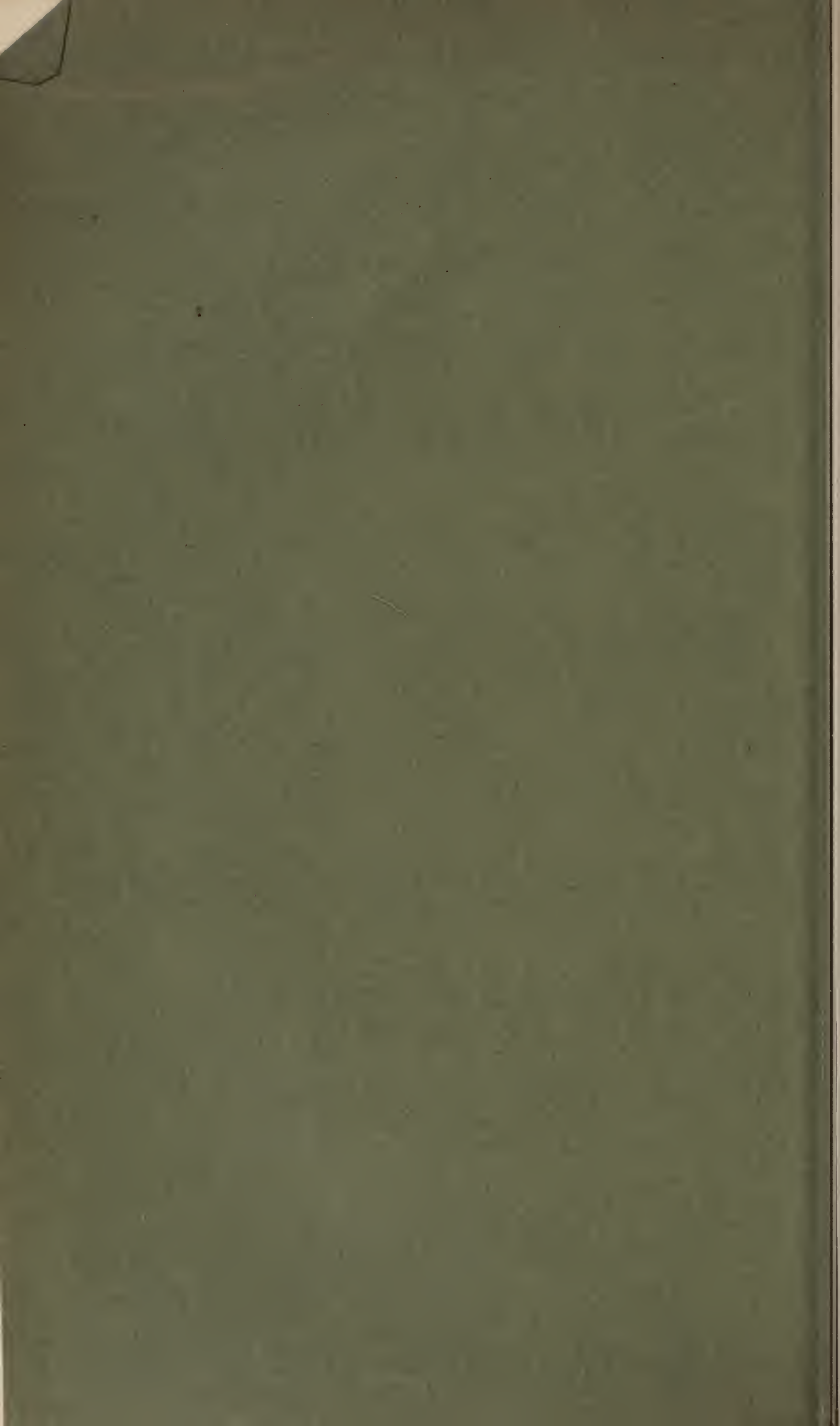
1940.

RONALD B. BERRY, M.D., Ch.B., D.P.H.,

*Medical Officer of Health, Medical Superintendent
of the Corporation Infectious Diseases Hospital,
Administrative Tuberculosis Officer, School Medical
Officer, etc.*

WILLMER BROS. & Co., LTD., BIRKENHEAD.

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Public Health Department,

10th October, 1941.

*The Mayor, Aldermen and Councillors of the
County Borough of Wallasey.*

Mr. Mayor, Ladies and Gentlemen.

*I have pleasure in submitting my Annual Report for the year
1940.*

*This Report is again limited to a compilation of necessary
statistics.*

*The death rate for the year is considerably increased, due to
increase in the number of deaths from respiratory conditions, including
Pulmonary Tuberculosis, and to deaths caused by enemy action.*

*The infantile death rate is also considerably higher than the
previous year, due in the main to respiratory conditions and enemy
a tion.*

*It was possible during the year to continue most of the normal
activities of the Department, though the calling up of several Sanitary
Inspectors seriously hampered the work of that department.*

*The administrative side has been carried on under considerable
difficulties, due to changes in staff, and the very large increase of work
which has fallen on the Department on account of war conditions.
I should like to record my appreciation of the way the Staff have
responded to the demands made on them, and acknowledge also the
good work done by the temporary members of the Staff.*

*My thanks are due to the Committee for their consideration and
support.*

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

RONALD B. BERRY,

Medical Officer of Health.

GENERAL STATISTICS.

Area in Acres, as ascertained by Ordnance Survey,						
January, 1932	...	...	...	...	...	5,908
River and Sea frontage	...	...	Slightly less than eight miles.			
Census Population, April, 1931	...	...	...	...	...	97,626
Registrar-General's estimated population at middle of 1940	...	...	...	...	...	91,240
Inhabited houses at 31st December, 1940	...	...	...	...	} * Information not available.	
Empty	...	...	...	...
Rateable Value, 1939-1940	...	...	...	...	...	£877,164
Rateable Value, 1940-1941	...	...	...	...	...	Information not available
Yield of a Penny Rate	...	...	...	...	...	£3,370

	<i>For Birth Rate.</i>			<i>For Infant and Maternal Mortality</i>		
	<i>Total</i>	<i>M.</i>	<i>F.</i>	<i>Total</i>	<i>M.</i>	<i>F.</i>
Live Births—Legitimate	1205	608	597	1195	604	591
Illegitimate	62	32	30	60	30	30
	<hr/> 1267 <hr/>	<hr/> 640 <hr/>	<hr/> 627 <hr/>	<hr/> 1255 <hr/>	<hr/> 634 <hr/>	<hr/> 621 <hr/>

Birth Rate—13.9

Still Births, 49. Rate per 1,000 total (live and still) births—39.0

The number of Births notified by Doctors was 25, Midwives 1,076, Parents or others 132; the remainder not being notified.

	M	F	Totals
Deaths to Dec. 31st ...	774	730	1,504
Death-rate per 1,000 of estimated population	...	...	16.5
Uncertified Deaths :— 9; Percentage of Deaths :—0.59.			

Deaths from diseases and accidents of pregnancy and child-birth (Headings 29 and 30 of Registrar-General's Short List) :—
 Puerperal Sepsis 1. Rate per 1,000 live and still-births 0.79 { Total
 Other puerperal causes—Nil. do. 0.00 } 0.79

Deaths of Infants under ONE year of age ... 79
 Death-rate of Infants under ONE year of age :—

All infants per 1,000 live births	...	62.9
Legitimate infants per 1,000 legitimate live births	...	61.0
Illegitimate infants per 1,000 illegitimate live births...	...	100.0
Neo-Natal Rate per 1,000 births	...	27.9

Deaths from Measles (all ages)	...	2
Deaths from Whooping Cough (all ages)	...	4
Deaths from Diarrhoea (including Enteritis), under 1 year	9	} 9
Under 2 years	...	
Diarrhoea and Enteritis Mortality Rate under 1 year, per 1,000 live births	...	7.17

* Owing to the large number of premises damaged by enemy action, also the movement of population, these figures are not available.

STATISTICAL SUMMARY OF DEATHS DURING THE YEAR 1940.

CAUSES OF DEATH.	SEXES.		All Ages	DEATHS IN WHOLE DISTRICT,						Total Deaths in Institutions in the Borough whether of residents or non-residents.	DEATHS IN PUBLIC INSTITUTIONS. IN WALLASEY.		ELSEWHERE.	
	M.	F.		Under 15		Under 15 45		Under 65 65			MILL LANE HOSPITAL— Residents 20 Non-Residents 1		LIVERPOOL AND OTHER HOSPITALS— Excluding Sanatoria) 74	
All causes { Certified Uncertified ..	769 5	728 2	1497 7	79 ..	23 ..	22 ..	177 ..	431 2	765 5	.. ..	HIGHFIELD MATERNITY HOSPITAL— Residents 6 Non-Residents —		BIRKENHEAD MUNICIPAL HOSPITAL 187 COUNTY MENTAL HOSPITAL 20 OTHER MENTAL HOSPITALS 2 SANATORIA outside Wallasey — TOTAL 283	
1. Typhoid and Paratyphoid fevers ..	..	..	..	..	..	..	..	..	..	..	NEW STREET C.W. CENTRE— Residents — Non-Residents —		DEATHS OUTSIDE WALLASEY— Not in Public Institutions INWARD TRANSFERS 20	
2. Cerebro-spinal fever ..	6	2	8	..	1	..	4	3	..	5	VICTORIA CENTRAL HOSPITAL— Residents 134 Non-Residents 5		TRANSFERABLE DEATHS— In Wallasey of Non-residents OUTWARD TRANSFERS 44	
3. Scarlet fever .....	..	..	..	..	..	..	..	..	..	..	WALLASEY COTTAGE HOSPITAL— Residents 50 Non-Residents —		INQUESTS. Residents (all Ages) 43 Non-Residents (all ages) 17 } 60 Legitimate Children—Under 1 year 2 1 and Under 2 years — 2 years and over 1 Illegitimate Children—under 1 year — 1 and under 2 years — 2 years and under 5 years —	
3. Whooping Cough ..	1	3	4	1	2	1	..	..	..	..	LEASOWE CHILDREN'S HOSPITAL— Residents 16 Non-Residents 1			
5. Diphtheria	5	..	5	..	1	3	1	..	..	6	OTHER PUBLIC INSTITUTIONS— Residents — Non-Residents —			
6. Tuberculosis of respiratory system	48	21	69	..	1	1	43	21	3	10	TOTAL 233			
7. Other forms of Tuberculosis	5	6	11	1	2	3	4	1	..	11				
8. Syphilitic diseases	9	2	11	..	..	..	..	8	3	..				
9. Influenza	21	16	37	2	1	1	3	16	14	..				
10. Measles	2	..	2	..	2	..	..	..	..	..
11. Acute polio myelitis & polio encephalitis ..	..	..	..	..	..	..	..	..	..	..
12. Acute infective encephalitis	1	2	3	..	..	..	1	..	2	..				
13. Cancer of buc. cav. oesoph M. & uterusF	10	11	21	..	..	..	1	10	10	1				
14. Cancer of stomach and duodenum	25	18	43	..	..	..	2	16	25	5				
15. Cancer of Breast ....	..	21	21	..	..	..	3	11	7	2				
16. Cancer of all other sites	67	62	129	..	..	..	11	53	65	24				
17. Diabetes	5	11	16	..	..	..	3	4	9	4				
18. Intracranial vascular lesions	65	61	126	..	..	..	2	31	93	10				
19. Heart disease	151	169	320	..	..	2	10	67	241	16				
20. Other diseases of circulatory system ..	25	21	46	..	..	..	1	10	35	5				
21. Bronchitis	41	33	74	2	..	..	1	21	50	4				
22. Pneumonia	35	30	65	10	4	1	6	18	26	21				
23. Other respiratory diseases	7	12	19	..	..	..	1	9	9	3				
24. Ulcer of stomach and duodenum	9	6	15	..	..	..	2	8	5	5				
25. Diarrhoea (under 2 yrs.)	6	3	9	9	..	..	..	..	..	5				
26. Appendicitis	4	1	5	..	..	..	1	2	2	3				
27. Other digestive diseases	9	18	27	1	2	..	..	10	14	3				
28. Nephritis	28	18	46	..	..	..	4	17	25	11				
29. Puerperal and post abortive sepsis ....	..	1	1	..	..	..	1	..	..	1				
30. Other maternal causes	..	..	..	..	..	..	..	..	..	..
31. Premature birth	7	11	18	18	..	..	..	..	..	4				
32. Congenital malformations	15	6	21	18	..	..	..	3	..	2				
33. Suicide	9	3	12	..	..	..	3	4	5	2				
34. Road traffic accidents	11	1	12	..	1	2	2	5	2	5				
35. Other violent causes ..	86	94	180	7	6	7	54	61	45	43				
36. All other causes	61	67	128	10	..	1	13	24	80	22				
TOTALS	774	730	1504	79	23	22	177	433	770	233				
Deaths due to Enemy Action. (included in 35 above)	54	80	134	3	5	7	42	45	32					



Zymotic Death-rate per 1,000 of population (excluding Diarrhoea)	0.12
Phthisis Death-rate per 1,000 of population	0.75
Respiratory Death-rate per 1,000 of population (excluding Phthisis)	1.73

PRINCIPAL CAUSES OF DEATH.

Heart Diseases.....	320	Intercranial Vascular Lesions	126
Cancer	214	Congenital Debility, Premature Births etc....	39
Other Circulatory Diseases	46	Violent Deaths (including suicides).....	204
Respiratory Diseases—		Influenza	37
Pneumonia	65	Other Digestive Diseases	27
Bronchitis.....	74	Other Tuberculous Diseases	11
Other.....	19		
Phthisis.....	69		
Acute and Chronic Nephritis	46		

HOSPITAL SERVICES (within the Borough).

The following Hospitals and Institutions are PROVIDED by the LOCAL AUTHORITY within the Borough :—

1. Mill Lane Hospital : For Infectious Diseases (other than small pox).
2. Tuberculosis Sanatorium : One block, 22 beds, and one chalet with one bed, for advanced and observation cases.
3. Highfield Maternity Hospital : 21 Beds.

In addition to the above there are the following Voluntary Hospitals within the Borough :—

4. VICTORIA CENTRAL HOSPITAL : General Hospital with 135 Beds (including 36 for children). There is an out-patient department (surgical cases only). There is also a charitable Dispensary on the same premises.
5. WALLASEY COTTAGE HOSPITAL : General Hospital with 41 beds, which are used for men, women and children as necessity arises. This Hospital also has an out-patient department.
6. LIVERPOOL OPEN-AIR HOSPITAL FOR CHILDREN LEASOWE : Orthopaedic Hospital with 236 beds (198 for children and 38 for adult females). Patients are admitted to this Hospital from various parts of the country. The Corporation has ten beds in this Hospital on terms.

HOSPITAL SERVICES (Outside the Borough).

BIRKENHEAD MUNICIPAL HOSPITAL : 125 beds are available at this Institution for sick, maternity and mental cases.

PUBLIC ASSISTANCE.

Admissions to :—

B'head Municipal Instit'n	173	Eastham House ..	8
B'head Municipal Hospital	419	County Mental Hospital	38

ECONOMIC CONDITIONS.

The number of unemployed persons in the Borough in January, 1940, was 3,963, and in December, 1,237 as compared with 4,062 and 3,588 respectively in January and December, 1939.

During, 1940, the following amounts were expended on Unemployment, etc. Benefit by the Wallasey Employment Exchange :—

Agricultural Benefit	...	...	...	...	£503 14 6
General Scheme Benefit	...	...	...	...	£40,191 19 7
Unemployment Assistance Allowances	...	...	...	...	£41,962 2 7

In addition the Public Assistance Committee expended £29,470 on outdoor relief and £2,470 to Unemployment cases.

MATERNITY AND CHILD WELFARE.

The Clinics at which a doctor attends on each occasion, are held in the afternoon of the following days :—

New Street Centre—Tues. & Fri. Field Road—Thursdays
Wallasey Village—Wednesdays Oakenholt Rd., Moreton—Tues.

The number of attendances during the year was :—

	New Street	Moreton	New Brighton	Wallasey Village	Totals
Children under one year of age ..	3,349	2,333	1,949	1,574	9,205
Children between one and five yrs.	808	445	880	651	2,784

ANTE-NATAL.

A woman doctor is in attendance at each Clinic. Special cases are referred from these Clinics to the Consultant Obstetrician who visits Highfield Maternity Hospital on alternate Mondays and his services are available whenever required.

The following figures summarise the work done at the Ante-natal and at the Post-natal Clinics during the year :—

ANTE-NATAL.

Expectant mothers on books at January 1st	...	...	...	...	89
New cases during the year	...	...	...	...	565
Names on books at December 31st	...	...	...	...	127
Attendances of Expectant Mothers	...	...	...	...	2272
No. of Expectant Mothers attending Consultative Ante-					
Natal Clinic	...	...	...	...	9
,, Attendances	...	...	...	...	11
First-visits to homes of Expectant Mothers	...	...	...	...	653
Revisits do. do. do.	...	...	...	...	267

POST-NATAL.

Post-natal attendances at Clinics	..	..	..	..	72
Visits and re-visits to Post-natal Cases					68

EVACUATION.

No Expectant Mothers were officially evacuated to reception areas during 1940.

HIGHFIELD MATERNITY HOSPITAL.

The year 1940 was the second complete year for this hospital and the hospital has again worked to capacity—many requests for admission having to be refused.

The highest number of cases in at any one time during the year was 29 and the lowest 9.

With booking at this figure there is little opportunity for the admission of urgent cases, though they are taken if at all possible.

During the year 473 cases were admitted:—

	In Hosp. Jan. 1/40	No. of Admis- sions 1940	Confine- ments 1940	No. of Children	Dis- charged Undelivered	Admit- ted after C'ment	Mis- carriage	Remain- ing Dec. 31st 1940
Doctors' cases	4	304*	301	305†	2	1	1	7
Midwives cases	9	169	168	168	—	1*	—	10
		†5 Twins.				*Twins.		

	Total	Doctors' cases	Midwives' cases
No. of Stillbirths ...	17	14	3
Infant Deaths ...	6	5	1
Maternal Deaths ...	—	—	—

	Total	Doctors' Cases	Midwives' Cases
Repair of Perineum	215	173	42
Breech Presentation	16	12	4*
Puerperal Pyrexia ...	7	6	1
Placenta Praevia ...	2	1	1

* One with extended legs.

The Infant Deaths were as follows:—

Hydrocephalus and Spina Bifida ...	...	1	Precipitate Labour, Cerebral Haemorrhage ...	...	1
Blue Asphyxia, Convul- sions ...	...	1	Asphyxia Pallida ...	...	1
			Prematurity ...	...	2

In addition one child was transferred to Wirral Children's Hospital for operative treatment of stricture and hypoplasia of colon and died in that Institution.

Puerperal Pyrexia.—Seven cases occurred during the year the causes being as follows:—

B.Coli Pyelitis ...	...	1	Post Caesarian-pelvic abscess	1
Sapraemia...	...	3	(to V.C.H.)	
Subinvolution ...	...	1	Puerperal Fever*	1

* Confined in 1940, rise of temp. in 1941. Transferred to Birkenhead Municipal Hospital.

Four of the cases were transferred to Mill Lane Isolation Hospital and one Subinvolution from there to Victoria Central Hospital for Hysterectomy.

Operations :—

Caesarian Section	...	4	Induction	...	7
Forceps Deliveries	...	39	External Version	...	1
Episiotomy	...	11	Manual Removal of Placenta,		
Artificial Rupture of Mem-			etc.	...	2
branes	...	6	Blood Transfusion...	...	1

Complications :—*Ante-Natal :—*

Albuminuria	...	7	Albuminuria and High Blood		
Ante-Partum Haemorrhage	...	3	Pressure	...	10
Mitral Stenosis	...	2	Hydramnios	...	2
Hyperemesis and recurrent			Oblique Pelvis and Ankylo-		
Pyelitis of Pregnancy	...	1	sis of Hip	...	1
Thyrotoxicosis	...	1			

*Post Natal (other than " Pyrexia " Cases) :—***MOTHER.**

P.P.H.	...	7	Phlebitis	...	2
Ruptured Uterus	...	1	Dislocation of Jaw	...	1
Asthma	...	1	Rise of Temperature	...	7

CHILD.

Sticky eyes	...	8	Pemphigus Neonatorum	...	2
Imperforate Urethra	...	1	Deformity of Foot & Hand	...	1
Hydrocephalus and Spina			Hyperplasia of Colon	...	1
Bifida	...	1			

The following Abnormal presentations were dealt with :—

Breech	...	16	P.O.P.	...	1
Face	...	3			
Consultations (with Obstetric Specialist)	...	42			

In the 169 Midwives' cases doctors were called for 68 cases, the main conditions being as follows :—

	<i>Mother</i>	<i>Child</i>
Ruptured Perineum	... 42	Sticky Eyes ... 3
Delayed Labour	... 6	Rash ... 1
A.P. Haem.	... 2	Other conditions ... 3
Retained Products	... 2	
Pyrexia	... 7	
Other conditions	... 2	
	—	—
	61	7
	—	—

MATERNITY CASES ADMITTED TO BIRKENHEAD MUNICIPAL HOSPITAL.

The Corporation made a declaration under Section 5 of the Local Government Act, 1929, to the effect that as and from 1st October, 1939, all assistance granted by the Council under the

Maternity and Child Welfare Acts, as amended by the Public Health Act, 1936, to persons ordinarily resident in the Borough, be granted by virtue of those Acts and not by way of Poor Law Relief. During the year 85 cases were admitted to the Birkenhead Municipal Hospital under this arrangement.

MATERNITY EMERGENCY UNIT.

The Corporation has an arrangement with the Liverpool Maternity Hospital for the use in Wallasey of the Maternity Unit for dealing with difficult domiciliary obstetric emergencies.

SUMMARY OF VISITS PAID BY HEALTH VISITORS.

First visits and revisits to Infants under one year of age	...	5,906
Visits and revisits to Children one to five years of age	...	5,089
Total visits and revisits to children under one and up to five years of age for any purpose whatsoever, including 200 visits and revisits re Minor Infections	... ..	10,995
Visits re notified Infectious Diseases	... ..	644
„ Infant Life Protection	... ..	119
„ and re-visits to expectant mothers	... ..	920

MATERNAL MORTALITY.

One death was registered from Puerperal Sepsis but there were no deaths due to other puerperal causes.

NUTRITION.

Particulars of dried milk given free and also of the Milk sold are as under :—

Free Dried Milk—

			Compared with previous year.
Lb. Packets given during the year	... 1,639	...	4,124
To number of Infants under one year...	76	...	195
Do. expectant mothers	... 12	...	54
Do. nursing Do.	... 24	...	98
At a cost of	... ..	£102 8s. 9d.	... £263 7s. 6d.

Milk Sold—

Lb. Packets, 4,846 realising... £363 9s. 0d.

FRESH MILK.

Particulars of the milk given during 1940 are as under :—

No. of Pints given	.. .. .	42,228
To number of children under five years	.. .. .	348
At a cost of	.. .. .	£357 17 9

MIDWIVES ACT.

Twenty-seven Midwives notified their intention to practise in the Borough during the year (excluding eleven at the Corporation Maternity Hospital and four Municipal Midwives).

During 1940 the four Municipal Midwives attended 314 cases ; of these, 85 were attended as maternity Nurses.

The following is a list of the causes for which Medical help was sought :—

CONDITION OF MOTHER.

			Private M'wives	M'cipal M'wives	H'field M'nity Hospital.	Total
Protracted labour	...	...	5	8	6	19
Retained placenta	...	...	2	—	2	4
„ membranes	...	...	1	2	—	3
Post-partum Haemorrhage	...	...	3	2	—	5
Ante-partum Haemorrhage	...	...	—	1	2	3
Laceration of Perineum	...	...	10	22	42	74
Albuminuria	...	...	—	1	—	1
Rise of Temperature	...	...	3	1	—	4
Uterine Inertia	...	...	—	2	—	2
Miscarriage	...	...	—	—	—	—
Abortion	...	...	—	—	—	—
Mal-presentation	...	...	—	1	—	1
Abnormal presentation	...	...	1	2	—	3
General weakness	...	...	3	2	—	5
Pyrexia	...	...	—	1	7	8
Various other causes	...	...	6	8	2	16

CONDITION OF CHILD.

Feebleness of Infant	...	...	2	3	—	5
Prematurity	...	...	2	1	—	3
Inflamed Eyelids	...	...	4	8	3	15
Other conditions	...	...	2	1	4	7

PUERPERAL PYREXIA.

There were eleven notifications of Puerperal Pyrexia during the year, one of which proved fatal.

OPHTHALMIA NEONATORUM.

Three of the Health Visitors are qualified to treat, by douching, the eyes of children suffering from Ophthalmia Neonatorum. Two cases were notified during the year. Both cases were cured with no impairment of vision.

INFANT MORTALITY.

Nett Deaths from Stated Causes in weeks and months under one year of age.

CAUSES OF DEATH.	Under 1 Week.	1—2 Weeks.	2—3 Weeks.	3—4 Weeks.	Total under 1 month.	4 Weeks and under 3 months.	3—6 months.	6—9 months.	9—12 months.	Total Deaths under 1 year.	Deaths in previous year.
All causes—Certified	22	6	4	3	35	17	11	8	8	79	63
Uncertified	—	—	—	—	—	—	—	—	—	—	—
Small-pox ...	—	—	—	—	—	—	—	—	—	—	—
Chicken-pox ...	—	—	—	—	—	—	—	—	—	—	—
Measles ...	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	—	—	—	—	—	1	—	—	—	1	—
Diphtheria & Croup	—	—	—	—	—	—	—	—	—	—	—
Influenza ...	—	—	—	—	—	1	1	—	—	2	2
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—
Tubercular Meningitis	—	—	—	—	—	—	—	—	—	—	—
Abdom'l Tuberculosis	—	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases ...	—	—	—	—	—	—	—	—	—	—	—
Meningitis (not Tuberculous) ...	—	—	—	1	1	—	—	1	2	4	1
Convulsions ...	—	—	—	—	—	—	1	1	—	2	9
Laryngitis ...	—	—	—	—	—	—	—	—	—	—	—
Bronchitis ...	—	—	—	—	—	1	1	—	—	2	—
Pneumonia (all forms)	—	—	—	2	2	2	2	3	1	10	4
Diarrhoea ...	—	—	—	—	—	—	—	1	—	1	—
Enteritis ...	—	—	1	—	1	2	2	—	3	8	6
Gastritis ...	—	—	—	—	—	1	—	—	—	1	—
Syphilis ...	—	—	—	—	—	—	—	—	—	—	—
Rickets ...	—	—	—	—	—	—	—	—	—	—	—
Suffocation, Overlying	—	—	—	—	—	—	—	—	—	—	—
Injury at birth ...	1	—	—	—	1	—	—	—	—	1	5
Atelectasis ...	3	1	—	—	4	—	—	—	—	4	4
Congenital Malformations ...	2	1	2	—	5	4	1	—	—	10	6
Premature Birth ...	14	1	—	—	15	2	1	—	—	18	20
Atrophy, Debility, Marasmus ...	—	—	1	—	1	—	—	—	—	1	2
Other Causes ...	2	3	—	—	5	3	2	2	2	14	4
Totals ...	22	6	4	3	35	17	11	8	8	79	63

CHILD LIFE PROTECTION.

No of persons who were receiving children for reward at Jan. 1st	24
do. on Register at December 31st ...	24
No. of children under 9 years on Register at Jan. 1st	20
do. Deaths of children during the year ...	—
do. Inquests on children dealt with under the Act	—
do. Children on Register at December 31st	17
do. Visits during the year ...	119
Health Visitors who are Infant Protection Visitors	7

AMBULANCE FACILITIES.

The Ambulance services are considered adequate for the area.

CASES OF INFECTIOUS DISEASE (Including Tuberculosis) NOTIFIED IN WALLASEY DURING 1940.

NOTIFIABLE DISEASE.	Notifi- cations.	Cases notified at ages											0-6
		0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	
Small-pox	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria	1	—	—	—	—	—	—	—	—	1	—	—	—
Dysentery	1	—	—	—	—	—	1	—	—	—	—	—	—
Diphtheria (including Membranous Croup)	143	—	5	3	13	10	30	25	25	25	4	3	—
Erysipelas	17	—	—	—	—	—	—	—	1	3	3	8	—
Scarlet Fever	113	2	2	9	7	5	46	14	8	14	6	—	—
Enteric Fever	8	—	—	—	—	—	1	—	2	1	2	2	—
Puerperal Pyrexia	11	—	—	—	—	—	—	—	—	10	1	—	—
Cerebro-Spinal Meningitis	20	1	2	1	—	—	6	1	4	2	1	2	—
Poliomyelitis	1	—	—	—	—	—	—	—	—	1	—	—	—
Pneumonia	36	—	—	—	—	—	2	1	—	4	3	21	—
Ophthalmia Neonatorum	2	2	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	71	—	1	—	—	1	1	1	9	30	8	16	—
Other forms of Tuber- culosis	18	—	—	1	1	1	5	4	1	1	2	1	—
Measles	683	30	54	73	83	95	303	24	8	12	—	1	—
Whooping Cough	134	9	10	12	21	16	66	—	—	—	—	—	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—
Polio-Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS.....	1259	44	74	99	125	128	461	70	58	104	30	54	—

IMMUNISATION.

During the year, 330 children were immunised.
The full course of treatment was administered to 230 of these children.

PUBLIC HEALTH (SMALL-POX PREVENTION) REGULATIONS, 1917.

No primary vaccinations or re-vaccinations were performed by the Medical Officer of Health during the year.

VACCINATION.

Statement of Vaccination for year ending 31st December, 1939 :

Births	...	...	...	...	...	...	1,178
Successfully vaccinated	...	...	...	...	...	...	652
Insusceptible	...	...	...	...	...	...	4
Had Smallpox	...	...	...	...	...	...	—
Died unvaccinated	...	...	...	...	...	...	54
Postponed by Medical Authority	...	...	...	...	...	...	15
Certificates of Exemption (Conscientious objection)	...	...	...	...	...	...	321
Removals certified	...	...	...	...	...	...	11
Removals not found and not accounted for	...	...	...	...	...	...	64

MEASLES.

Measles was made compulsorily notifiable in the later months of 1939. 683 cases occurred during the year, two of which proved fatal.

WHOOPING COUGH.

Whooping Cough was also made compulsorily notifiable in the later months of 1939. 134 cases occurred during the year. Four of the cases proved fatal.

DISINFECTION.

Houses disinfected after fevers, Phthisis, etc...	..	..	..	..	..	..	570
Rooms disinfected	..	..	..	..	..	..	138
Books from Public, Private, or School Libraries disinfected	..	..	..	..	..	..	398
Articles disinfected	..	..	..	..	..	..	16,632
Articles destroyed..	..	..	..	..	..	..	164

ISOLATION HOSPITAL.

The accompanying table gives particulars of the cases admitted to Mill Lane Infectious Diseases Hospital during 1940 :—

	In Hospital 1st Jan. 1940	Ad- mitted	Recov- ered and Dis- charged	Died	In Hospital 31st Dec. 1940	
Diphtheria	21	127+	116	6§	26	+ 2 sent in as Measles
Diphtheria Carriers	1	10+	11	—	—	+ 3 sent in as Diph.
Diphtheria Contact	—	1+	1	—	—	+ Sent in as Diph.
Typhoid	—	1	1	—	—	
Paratyphoid B.	—	4	4	—	—	
Typhoid Carrier	—	1	1	—	—	
Scarlet Fever	5	72*	64	—	13*	{ 1 sent in as Diph., 3+ Diph., remain- ing 1+ Diph.
Puerperal Pyrexia	—	5	4	—	1	
Erysipelas	2	8	10	—	—	
Whooping Cough c Pn.	—	4	3	—	1+	+ Died Pulm. T.B.
Tonsillitis	1	7+	8	—	—	{ (1 sent in as S. Fever 6 sent in as Diph.).
Pemphigus Neonatorum	—	3	1	1	1	
Ophthalmia Neonatorum	—	1	1	—	—	
Scabies	—	6	6	—	—	
Measles	—	35	35	—	—	
Measles c Pneumonia	—	7	7	—	—	
Rubella	—	12+	12	—	—	{ + 1 sent in as Me'sles 1 sent in as S. Fever
Measles Contact	—	1	1	—	—	
Cerebro-spinal Meningitis	—	11*	8	3	—	* 1 sent in as Measles
Chicken Pox	—	2	2	—	—	
Chicken Pox Contact	—	1+	1	—	—	+ Maternity case from Highfield.
Urticaria	—	1+	1	—	—	+ sent in as Erysipelas
Cellulitis of Leg	—	1	1	—	—	+ sent in as Erysipelas
Sycosis	—	1+	1	—	—	+ sent in as Scabies
Otitis Media (post measles)	—	1	1	—	—	
N.A.D.	—	5+	5	—	—	{ 1 + sent in as C.S.F. 4 + sent in as S. Fev.
Cellulitis of Neck	—	1+	1	—	—	+ sent in as Diph.
Broncho-Pneumonia	—	1+	1	—	—	+ sent in as Diph.
Cerv. Adenitis	—	1+	1	—	—	+ sent in as Diph.
Vincent's Angina	—	1+	1	—	—	+ sent in as Diph.
	30	332	310	10	42	

§ All admitted to Hospital 4th day of disease or later.

TUBERCULOSIS.

There has been a very large decrease of new cases attending the Dispensary, but the number of cases diagnosed as Tuberculous has increased by 2%.

In addition there were 21 examinations (18 male, 3 females) of candidates for admission to the Corporation Superannuation Scheme.

DEATHS.*Pulmonary Tuberculosis.*

	1940	1939	1938
No. of deaths	69	43	61
Death rate per 1,000 of population ...	0.75	0.46	0.62
Cases dead within two years of notification	29	31	33 (55%)
Non-notified deaths	9	2	7

Non-Pulmonary Tuberculosis.

1940

No. of deaths	11
Death-rate per 1,000 of population	0.12
Cases dead within two years of notification	2
Non-notified deaths (2 Tubercular Meningitis) (3 Tubercular Peritoneum) }	5

NOTIFICATIONS (Pulmonary).

There were 71 notifications (Male 46, Female 25) plus 17 transfers from other areas—same as in 1939.

NOTIFICATIONS (Non-Pulmonary).

There were 18 notifications (12 Male, 6 Female) plus three transfers from other areas, and five from Death Returns—a considerable increase over 1939.

CLASSIFICATION OF NON-PULMONARY TUBERCULOSIS.

Cervical Glands	7	Menges	1
Bones and Joints... ..	5	Skin	2
Abdomen	2	Other Organs	1

BIRKENHEAD MUNICIPAL HOSPITAL.

	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	<i>Total</i>
Cases admitted during 1940	16	1	17
Discharged during 1940	5	1	6

TREATMENT OF PULMONARY TUBERCULOSIS.

Rest for febrile cases. Rest combined with graduated exercises for afebrile cases.

1. *Artificial Pneumothorax.**Males* 11—(5 continuing treatment).

7 working constantly	...	63%
1 unemployed	...	9%
2 transferred to Cheshire		
Joint Sanatorium	...	18%
1 left the district...	...	9%

Females 22—(9 continuing treatment).

9 working constantly.	2 working part time.
2 in-patient Mill Lane Sanatorium	2 left the district.
3 unfit for work.	4 since died.

Total number of refills during the year 457 (163 male, 294 female), an increase of 40% over last year.

AFTER-CARE.

All patients after discharge from the Sanatorium are kept under observation and receive frequent visits from the Health Visitor with regard to sanatorium regime. They are also encouraged to attend the Dispensaries for observation, where instruction and advice are given. Cod Liver Oil and a pint of milk daily are supplied to necessitous cases for varying periods.

MILL LANE SANATORIUM.

				Adults	Children	Total
Admitted during 1940	...	...	...	42	—	42
Discharged during 1940	...	...	...	39	—	39
Fatal during 1940	...	...	...	9	—	9

RESULTS.

Patients discharged	" Much Improved "	...	10	(24%)
"	" Improved "	...	22	(57%)
"	" No Improvement "	...	7	(19%)

CHESHIRE JOINT SANATORIUM.

				<i>Males</i>	<i>Females</i>	<i>Total</i>
Admitted during 1940	...	...	...	7	14	21
Discharged during 1940	...	...	...	6	13	19

RESULTS.

Working full time	...	...	...	2	6	8
Working part time	...	...	...	—	2	2
Unemployed but fit for work	...	...	...	1	—	1
Unfit for work	...	...	...	1	1	2
Since died	...	...	...	—	—	—
Left the district	...	...	...	—	3	3
Transferred to Mill Lane Sanatorium				2	1	3

LEASOWE OPEN-AIR HOSPITAL.

				<i>Female</i> <i>Adults.</i>	<i>Children</i>	<i>Total</i>
Admitted during 1940	...	...	...	1	4	5
Discharged during 1940	..	..	..	—	3	3

RETURN FOR THE YEAR 1940.

Diagnosis.	Pulmonary.				Non-Pulmonary.				Total.				
	Adults.		Children.		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.—New Cases examined during the year (excluding contacts) :— (a) Definitely tuberculous * (b) Diagnosis not completed (c) Non-Tuberculous	30	17	—	2	—	—	2	3	32	17	3	5	= 57 = — = 223
B.—Contacts examined during the year :— (a) Definitely tuberculous * (b) Diagnosis not completed (c) Non-tuberculous	1	4	1	—	—	—	—	—	1	4	1	—	= 6 = 4 = 116
C —Cases written off the Dispensary Register as— (a) Recovered (b) Non-Tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous)	4	4	1	1	2	2	—	3	6	6	4	3	= 19
D.—Number of Cases on Dispensary Register on December 31st :— (a) Definitely tuberculous (b) Diagnosis not completed	151	137	8	5	13	14	—	20	164	151	28	26	= 369 } 374 = 5 }

1. Number of cases on Dispensary Register on January 1st	379	7. Number of consultations with medical practitioners :— (a) Personal (b) Other	33 83
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years	23	8. Number of visits by Tuberculosis Officer to homes (including personal consultations)	11
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of"	30	9. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes	1569
4. Cases written off during the year as Dead (all causes)	44	10. Number of :— (a) Specimens of sputum, etc., examined (b) X-ray examinations made in connection with Dispensary work ..	344
5. Total for all attendance at the Dispensary (including Contacts)	1759 Tub. 1,144 615	11. Number of "Recovered" cases restored to Dispensary Register, and included in A (a) and A (b) above	

RESULTS.

Fit for School	...	...	...	...	—	2	2
Unfit for School	...	...	...	...	—	1	1

HOUSING.

Of the 71 notifications of Pulmonary Tuberculosis :—

44 slept in separate bed and room.

5 slept in separate bed, but shared room.

14 shared bed and room (chiefly married couples).

7 not visited by request of medical practitioner.

1 notified from County Mental Hospital.

VISITS.

The number of visits paid in 1940 by the Dispensary Nurses and Health Visitors was 1,569 (Wallasey 1,419), (Moreton 150).

TUBERCULIN SKIN TESTS.

Of 71 children tested—51 were contacts of cases of Tuberculosis. 60% gave a positive re-action. These cases will be kept under observation. Of the remaining non-contact cases only 40% showed a positive re-action.

434 X-ray examinations were made compared with 607 in 1939, and 547 in 1938.

7 Orthopaedic cases were also X-rayed.

VENEREAL DISEASE.

The number of new cases for 1940 was 55—a decrease of 11 on 1939 and 18 on 1938. After deducting the Non-Venereal cases, the number of definite cases was 35, which is 1 less than in 1939. (This is the smallest number for any year on record).

The attendances were:—	1940	1939	1938
Males	...	...	...
Females	...	...	...

1,468	1,138	2,337
112	129	210

The following are particulars of the 32 cases of V.D.:—

		Syphilis	Gonorrhoea
Males	...	...	...
Females	...	...	...

2	21
2	7

90 specimens in connection with the clinic were examined at the Laboratory, Mill Lane Dispensary. 46 specimens of blood were sent from the Clinic for Wasserman reaction.

Return of Wallasey residents treated in Liverpool and Birkenhead areas during the year.

		L'pool	B'head
Syphilis	...	2	5
Chancre	...	—	—
Gonorrhoea	...	9	10
Conditions other than Venereal	...	4	9
		—	—
		15	24
Total attendances of all cases	...	610	334
		—	—

This is 547 fewer attendances than in 1939.

LABORATORY WORK.

The arrangements for carrying out the bacteriological work in the Borough are :—

1. Simple throat swabs in connection with Diphtheria cases, specimens of sputum in connection with Phthisis cases, and various discharges in connection with Venereal Diseases are examined at our own Laboratory, Mill Lane Dispensary. Blood specimens in connection with Venereal Diseases are sent to Liverpool University Laboratories for examination.

Particulars in regard to these are :—

<i>Specimens Examined.</i>			<i>Number found to contain</i>		
Sputum	...	344	Tubercle Bacilli	...	70
Throat Swabs	...	2180	Diphtheria Bacilli	...	241
Venereal	...	90	Gonococci	...	53

BLIND PERSONS ACTS, 1920-1938.

The duties of the Council under the Blind Persons Acts, 1920-1938 are administered by the Health Committee.

One Home Teacher is employed who paid 2,570 visits to blind persons during 1940.

REGISTRATION OF BLIND PERSONS.

					M.	F.	Totals	
No. on Register at January 1st	...				76	80	156	
No. added during the year :								
New Cases	...	...	...	...	1	7	8
Transfers from other towns					6	1	7	
Totals					...	83	88	171
No. of Removals from Register owing to :—								
Leaving Wallasey	...	...			2	2	4
Death	...	...	...	...	9	5	14
Totals					...	11	7	18
No. on Register at December 31st	...				72	81	153	

FINANCIAL ASSISTANCE.

No. receiving assistance at January 1st	...	...	...	101
„ receiving assistance at December 31st	...	...	...	101
Amount disbursed by way of allowances, January to				
December	...	...	...	£4,860 8s. 3d.

MEDICAL EXAMINATION.

During the twelve months ending 31st December, 1940, nineteen people were examined by Dr. H. R. Bickerton of whom ten were found to be blind, while nine could not be certified.

The average age of the ten blind people was 60 years 3 months.

REMOVAL AND DISPOSAL OF HOUSE REFUSE.

This work is carried out under the direction of the Borough Surveyor. There are no ashpits in the Borough. Particulars as to the quantities of refuse destroyed or otherwise disposed of in the past year are as under :—

Quantity of Refuse—	T.	C.	Q.
Delivered to Destructor	8,190	6	0
Quantity tipped away ...	12,897	0	0
Total collected	21,087	6	0

Wet refuse collected in added areas and delivered to farms, 104 loads.

HOUSING.

45 new houses were erected, 31 in course of erection and 11 houses were converted into flats during 1940.

No Demolition or Clearance Areas were scheduled during 1940.

HOUSING ACT, 1936.

In view of Circular 1866 of the 8th September, 1939, authorizing the postponement of work under the Housing Acts, also the labour difficulty, scarcity of materials and diminution of staff, no work of any importance under the Housing Act was executed. The department confined its energies to the dealing with all defects of an urgent character by means of the P.H.A. 1936.

There were two cases of overcrowding relieved, the number of persons concerned being 18.

FOOD AND DRUGS ACT, 1938.

During the year 289 samples were analysed, 24 of which were found to be adulterated. Proceedings were instituted in one instance for the addition of boric acid to milk (490 parts per million). The case was dismissed on payment of 14/6d. costs.

FERTILISERS AND FEEDING STUFFS ACT.

18 samples of Fertilisers and 5 samples of Feeding Stuffs were submitted for analysis during the year of which one sample of fertiliser failed to comply with the requirements of the Act.

Control and Supervision of Milk Supplies (Biological Examination).

The following is a summary of the work carried out during 1940 :

	1940	1939	1938	1937
Number of Milk samples taken ...	256	298	306	317
Number of positive results (T.B.)...	18	34	24	39
Percentage	7.03	11.31	7.84	11.98

Milk Production in Registered Dairies.

There are 20 registered Cow Keepers in the Borough, 5 licensed producers of Accredited Milk. In addition to the Dairy Farmers, there are 50 registered dairies, a number of which are licensed for the sale of milk under the terms of the Milk (State Designations) Order, 1936-38. There are also 150 shops registered for the sale of milk in sealed bottles.

Visits to Registered Dairy Premises	...	...	...	370
„ Dairy Farms	...	...	...	86
„ premises registered for sale of bottled milk				12

Designated Milks.

The following is a Summary of Licences issued by this Authority's Order under terms of the Milk State Designation Order,

Farmers licensed for the production of Accredited milk	...	5
Dairies licensed to bottle and retail Tuberculin Tested milk...		5
Dairies licensed to retail bottled Tuberculin Tested Milk	...	20
Dairies licensed to produce Pasteurised Milk	...	2
Dairies licensed to bottle and retail Pasteurised Milk	...	8

During the year 51 samples of milk were submitted for Biological examination, five being found to be unsatisfactory.

Milk in Schools.

Under this Scheme Pasteurised Milk is supplied to School-children in bottles containing one-third pint, at a charge of $\frac{1}{2}$ d. per bottle.

During the year 995,970 bottles of milk were supplied, including 78,656 bottles which were supplied FREE by the Education Committee to necessitous Schoolchildren. Owing to the difficulties experienced in the Milk industry during the year, at times it was only with difficulty that this Scheme was able to operate. Enemy air attacks also caused temporary breakdowns from time to time, but on the whole, with the co-operation of the Food Executive Officer, supplies were fairly well maintained.

Supervision of Meat Supplies.

All fresh meat supplies including pork are allocated to retail butchers in the Borough direct from the Government Slaughterhouse at Tranmere, Birkenhead, and all home-killed meat consumed in Wallasey is now brought into the Borough dead. Strict control and supervision of meat supplies is exercised over all retail premises. including premises where cooked meats and made-up meat products are prepared.

During the year various articles of unwholesome and diseased food including milk, fruit, meat, pork and fish, etc., were dealt with, and 4,235 lbs. of meat, including pork and offals were destroyed.

4,235 lbs. of Meat, including pork and offals, were destroyed.

Miscellaneous tinned foods were also dealt with, and those found to be unfit for human consumption were duly destroyed.

1,255 visits were paid to Butchers and other shops.

WALLASEY AND ALFRED LAIRAGES.

Landing Place for Irish and Isle of Man Animals and Foreign Animals Wharf.

The emergency slaughter of cattle only is carried on at these premises and during the year 50 animals were slaughtered for emergency reasons. Routine Post Mortem inspections were made in each case resulting in six carcasses, including all internal organs together with parts and various organs of other carcasses being destroyed as unfit for human consumption.

Administration of Diseases of Animals Acts and Orders.

During the year eight suspected cases of Swine Fever were reported but in no instance was the disease confirmed by the Ministry of Agriculture and Fisheries. During the year one suspected case of Anthrax was reported, but a preliminary examination of certain organs by a Veterinary Inspector proved negative.

Four of the Cow Keepers in the Borough experienced visible infestation of the Warble Fly Maggot amongst their stock and the necessary action was taken by the owners in each case.

Farmers and Stock Owners were notified as to their responsibilities concerning outbreaks of Foot and Mouth Disease and Movement Licences were issued. Inspections were also made of Pig Keepers' premises with regard to the detention and isolation of Store Pigs, which had been brought on to the premises under licenses issued under the Movement of Swine Order of 1922.

Visits to farms, piggeries, and other premises—353.

SANITARY INSPECTION OF THE DISTRICT.

WORK OF THE DISTRICT INSPECTORS.

No. of houses visited	...	...	...	...	...	...	4,903
Special complaints investigated	...	...	...	...	...	...	2,754
No. of defects discovered	...	...	...	...	...	...	33,860
Interviews, appointments, supervisional visits and revisits	...	...	...	...	...	...	303
Matters dealt with from and to other departments	...	...	...	...	...	...	312
Information laid	...	...	...	...	...	...	12
Magistrates orders obtained	...	...	...	...	...	...	9
Warrants to enter obtained	...	...	...	...	...	...	4
Cases withdrawn on payment of costs or dismissed under the	...	...	...	...	...	...
Probation of Offenders Act	...	...	...	...	...	...	3
Cases of obstruction and assault	...	...	...	...	...	...	1
Fines, etc.	...	...	...	...	...	...	£6 14s. 0d.

ABATEMENT OF NUISANCES.

No. of Notices served	...	...	...	...	...	...	3,443
Reinspections	...	...	...	...	...	...	4,112

SEWER CONSTRUCTION.

Information in regard to Sewerage is kindly supplied by the Borough Engineer and Surveyor.

Construction of new sewers has been confined to the completion of work in hand at the commencement of the year and consists of sections of the Lymington Road Stor, Relief Sewer in Lymington Road, Foxhey Road, Mosslands Drive and the top section in Wallacre Recreation Ground, together with a length of Surface Water Sewer in Saughall Road.

In connection with existing sewers, apart from minor repair works, it has not been found necessary to carry out any major reconstruction works.

A limited amount of damage to sewers due to enemy action has had to be attended to during the latter part of the year.

SEWERAGE AND DRAINAGE.

The water-carriage system obtained throughout the Borough, and the crude sewage is discharged into the Mersey below low water level.

Where necessary Main Watercourses in the low-lying part of the Borough have been cleaned out and re-graded to improved falls where this has been found practicable.

The routine sewer flushing operations have been carried on in a normal way throughout the year.

DRAIN RECONSTRUCTION AND TESTS.

Drains reconstructed or partially reconstructed	...	...	11
Drain tests by smoke or water	...	...	54

FLUSHING.

The Local Authority voluntarily flush the drains of all houses in the Borough. During the past year the drains of 24,459 houses were flushed. In addition, the drains at 186 schools, public buildings, etc., were also flushed.

BYELAWS WITH RESPECT TO NUISANCES, ETC.

No. of inspections and reinspections of stable yards	...	55
Notices served	...	26
Visits to Marine Stores	...	3
„ encampments	...	51
Tents inspected	...	3,071
Sub-let houses visited	...	57
Rooms inspected	...	322
Infringements	...	1
Notices served	...	1

CANAL BOAT INSPECTION.

Canal boats inspected	...	5
Infringements	...	—

PUBLIC BUILDINGS.

Visits to schools, theatres, picturedromes and Public conveniences 69

ICE CREAM PREMISES.

No. of visits to premises where Ice Cream is sold	...	323
---	-----	-----

DISINFESTATION.

Houses infested with vermin	...	140
„ disinfested	...	140

RAG FLOCK ACTS, 1911-1928.

Premises visited where Rag Flock is used	...	8
--	-----	---

SMOKE NUISANCES.

No. of observations taken	...	...	...	...	...	7
Interviews and notices served	...	...	...	...	...	—

FACTORY INSPECTION.

No. of visits to Factories and Workplaces	...	...	...	248
„ notices served for contraventions	...	...	...	17
„ defects discovered and remedied	...	...	...	24
„ Factories on register	...	...	...	434
„ Workplaces	„	...	...	143
„ Visits to Outworkers	...	...	...	9

BAKEHOUSES.

No. of Bakehouses on register	...	...	...	...	80
Visits	...	...	...	...	131
Contraventions discovered	...	...	...	...	8
Notices served	...	...	...	...	8

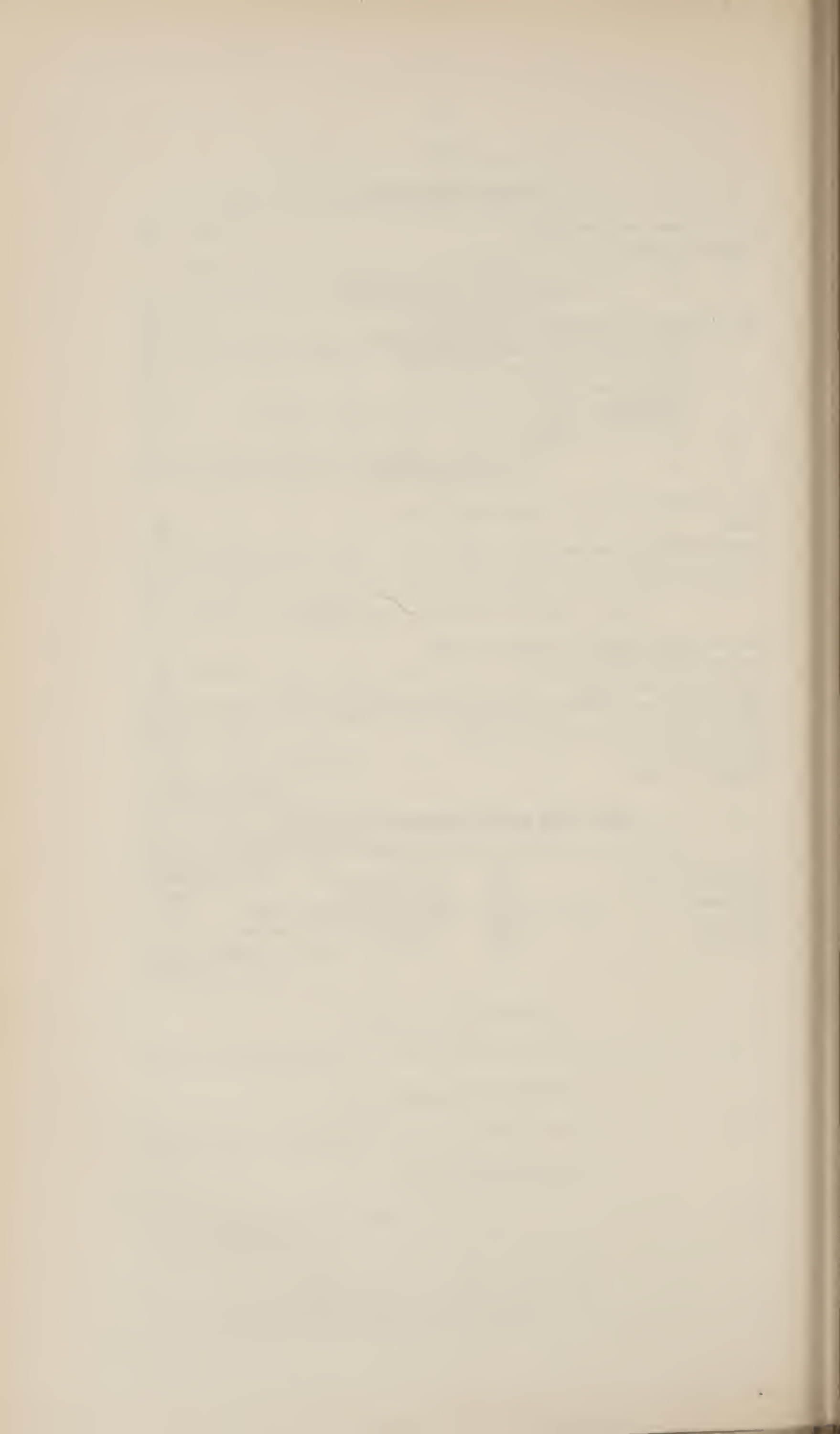
SHOP HOURS ACTS, 1912-1936.

No. of cases pending 1 January, 1940	...	...	...	5
Contraventions discovered	...	...	...	26
Convictions obtained	...	...	...	11
Cases dismissed under the Probation of Offenders Act	...	...	...	3
Cases pending, 31 December, 1940	...	...	...	5
Warnings issued	...	...	...	12
Fines and Costs	...	...	...	£4 5s. 0d.

RATS AND MICE DESTRUCTION ACT.

SUMMARY OF WORK DONE DURING THE YEAR.

Complaints received	...	...	507	Baits consumed	...	...	7101
Visits and re-visits	...	...	7019	Rats caught	...	...	340
Notices served	...	...	31	Mice found dead or caught	...	...	86
Traps set	...	...	309	Income for services of Rat-			
Baits laid	...	...	9316	catcher	...	...	£10 8 0



COUNTY BOROUGH OF WALLASEY
EDUCATION COMMITTEE.



Annual Report

OF THE

SCHOOL MEDICAL OFFICER

For the Year 1940.

STAFF.

RONALD B. BERRY, M.D., Ch.B., D.P.H.
Medical Officer of Health and School Medical Officer.

W. WRIGLEY STACEY, M.B., Ch.B., D.P.H.
Assistant Medical Officer of Health and Assistant School Medical Officer.

ELSIE J. D. SCOTT, L.R.C.P., L.R.C.S., D.P.H.,
Assistant Medical Officer.

C. JOINSON LUYA, L.D.S.
School Dental Surgeon.

W. A. HENDERSON, L.D.S.

E. G. MASON, L.D.S.
Assistant School Dental Surgeons.

Miss E. W. NICHOLLS (*Certificate R.S.I.*).

Mrs. B. CHAPPELLS (*Trained Nurse*).
School Nurses.

Miss R. M. QUINTON (*Certificate R.S.I.*).

Miss L. VANCE (*S.R.N., S.C.M.*).

Miss A. D. CHANDLER (*S.R.N., S.C.M.*),
 (*to 30/11/40*).

Miss B. JACKSON (*S.R.N., S.C.M.*),
Combined duties of School Nurse and Health Visitor.

Miss M. OGLE
 (*Certificates C.S.M.M.G.,*
Diploma Liverpool University in Massage, etc.)
Masseuse.

H. R. BICKERTON, M.A., M.B., Ch.B., M.R.C.S., L.R.C.P.
 (*Ophthalmic*).

R. J. MARTIN, M.B., Ch.B., D.L.O.
 (*Ear, Nose and Throat*).

T. HARTLEY MARTIN, M.B., Ch.B.
 (*Orthopaedic*).
Visiting Specialists.

G. E. HUGHES, Education Office (*Secondary Schools*).
 R. L. BASCOMBE, Education Office (*Elementary Schools*).
Clerical Assistants.

Town Hall,
Wallasey,
August, 1941.

To the CHAIRMAN and MEMBERS
of the EDUCATION COMMITTEE.

Ladies and Gentlemen,

For obvious reasons this report is not so full as in previous years, but it does contain a record of the work done by the School Medical Service.

War conditions have of necessity upset the routine activities of the service, but not so much as might have been expected.

The evacuation of school children necessitated special arrangements for their medical examination and special attention to conditions of cleanliness.

It was found possible to continue dental treatment for some of the children in the reception area.

It is hoped that parents whose children have been evacuated will leave them in the reception areas. I cannot help but feel that many children are brought back home because of the parents' feeling of loss, rather than a true consideration for the welfare of the children.

I must again refer to the good work carried out by the staff during another difficult year; to the willing co-operation and assistance of the Director of Education and his staff, and to Inspector Mason of the N.S.P.C.C. for valued help with difficult cases.

To the Head Teachers acknowledgment is again made for their contribution of valuable assistance, and to the members of the Committee my thanks are given for their sympathetic consideration and interest in all matters affecting the welfare of the School Medical Service.

I am,

Your obedient Servant,

RONALD B. BERRY,
School Medical Officer.

GENERAL.

MEDICAL TREATMENT.

The School Nurses have continuously examined the children of each department in every school during the year, and those children who have been in an unsatisfactory condition have been given special attention.

They have made in all 22,745 examinations on 8,172 individual children. There were 171 Cleansing Surveys, the result being that 609 children were found with unclean heads or bodies. 49 children with unclean heads were excluded from school. 1,815 visits to the homes of the children were made and 49 cases of neglect were reported to the N.S.P.C.C.

NUTRITION.

Recommendations in respect of the granting of free meals and/or milk totalled 163 cases. Of these a small number were rejected as not complying with the medical and financial conditions.

Provision of Meals.

The number of meals (dinners) supplied free of cost for the period 1st January to 31st December, 1940, was 29,206.

The largest number on the Feeding Registers at any one time was in June—167.

There is a Supervisor in charge of the arrangements at the Feeding Centres.

Supply of Milk.

During the year 59,353 bottles of milk containing one third of a pint were supplied free to the schools, excluding Elleray Park Special School. At the end of the year (December, 1940), there were 399 receiving free milk, but the largest number of any one month taken separately was 404 in November.

GENERAL REMARKS ON THE EFFECTS OF THE WAR ON THE PHYSICAL AND MENTAL WELFARE OF THE SCHOOL CHILDREN.

During the year so much preparation of children for projected evacuation has been undertaken, that many times it developed into an almost intensive cleansing survey, and it could truthfully be said as a result that the cleanliness generally was good. The number of children with unclean heads in 1940 was less than in the year 1939. Nutrition also remained up to the general standard.

It was not until the last quarter of the year when air raids became more frequent and more severe that the population took to the air raid shelters, and next year will reveal the consequences of such herding together. During the year there has been no undue incidence of infectious diseases, with the exception of an outbreak of measles which occurred in the latter half, nor has scabies been noteworthy, but this should show itself in 1941, unless strong coercive measures are taken in respect of personal blankets and clothing.

One factor does stand out and this is a lack of discipline in the children, due no doubt to lack of personal control, both in school and at home. For some time the children attended half days at school and were out the other half day in the streets or on the shore, left to a certain extent to their own devices, and which in the older children may have led to an increase in Juvenile Delinquency. The sooner the return to normal school life, the less opportunity there will be for delinquency.

In this connection it is interesting to note the remarks of the Chief Constable for Wallasey in his report for 1940, the following being an extract :—

“ Owing to war conditions many forms of organised recreation have been extensively curtailed and education facilities have been seriously interfered with during a part of the year. The absence of the father on war-time duties has resulted in parental control slackening and wayward youngsters have taken full advantage of these difficulties. It is, therefore, not surprising to learn that juveniles have been responsible for the greater proportion of crimes committed.”

EVACUATION.

Medical examination for evacuation last year was principally concerned with the “ Overseas Scheme.”

For this, approximately 1,000 children were medically examined, and their completed forms sent to London.

Applications were so numerous that additional medical staff had to be engaged to cope with it.

CHURCH STREET ORTHOPAEDIC CLINIC.

Return for the Year 1940.

Visits by Surgeon	..	..	..	..	..	16
Attendances by Orthopaedic Sister	..	..	..	..	..	49
New Cases Examined	..	..	..	..	..	119
Re-examinations..	..	..	..	..	..	344

Analysis of Cases.

			<i>Under School Age.</i>		<i>Of School Age.</i>		<i>Over School Age.</i>	
			<i>Boys.</i>	<i>Girls.</i>	<i>Boys.</i>	<i>Girls.</i>	<i>Boys.</i>	<i>Girls.</i>
<hr/>								
<i>New Cases.</i>								
Non-Tuberculous	..		43	39	17	20	—	—
<hr/>								
Tuberculous	..	..	—	—	—	—	—	—
<hr/>								
<i>Re-examinations.</i>								
Non-Tuberculous	..		51	57	108	106	4	11
<hr/>								
Tuberculous	..	..	—	—	6	1	—	—

Massage and Remedial Exercises Department.

				<i>Boys.</i>	<i>Girls.</i>	<i>Total.</i>
Number of Patients Treated	...	...		81	80	161
Do. Attendances of Cases	...	...		1797	1733	3530
Do. New Cases Referred for Treatment	...	...	...	20	14	34
Do. Cases in which the Treatment has been Terminated	...	...		26	26	52

MORETON ORTHOPAEDIC CLINIC.

Return for the Year 1940.

Visits by Surgeon	..	..	..	..	..	6
Attendances by Orthopaedic Sister			..	..	..	10
New Cases Examined	..	..	..	..	..	23
Re-examinations	..	..	..	..	..	147

Analysis of Cases.

	<i>Under School Age.</i>		<i>Of School Age.</i>		<i>Over School Age.</i>	
	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>	<i>Boys</i>	<i>Girls</i>
New Cases—Non-Tuberculous ..	7	2	5	9.	—	—
Tuberculous ..	—	—	—	—	—	—
Re-examinations—Non-Tuberculous	33	31	24	33	1	2
Tuberculous ..	—	3	4	16	—	—

Massage and Remedial Exercises Department.

		Boys	Girls	Total
Number of Patients Treated ...		3	2	5
do. Attendances of Cases ...		42	25	67
do. New Cases Referred for Treatment ...		2	2	4
do. Cases in which the Treatment has been Terminated	—		1	1

Church Street Clinic.

TABLE 1.

Disease Categories.	Remaining			New cases			Remaining			Discharged, 1940.						
	1939.			1940.			1941.			Cured.	Relieved.	Over Age— Relieved.	Left District.	Refused Treatment.	Unsuitable	Died.
	In relation to School age.			In relation to School age.			In relation to School age.									
	Under	Of	Over	Under	Of	Over	Under	Of	Over							
Infantile Paralysis ..	—	7	—	2	1	—	2	8	—	—	—	—	—	—	—	—
Spastic Paralysis ...	1	13	2	2	—	—	2	9	1	—	1	4	1	—	—	—
Sickles	7	3	—	6	—	—	9	2	—	2	—	—	3	—	—	—
Tuber- { Osteitis & ulous { Arthritis	—	4	1	—	—	—	—	3	—	—	—	1	—	—	—	1
Non-Tubercul's do.	—	5	4	—	2	—	—	5	—	—	—	3	1	1	—	1
Deformities—																
Congenital... ..	9	24	1	10	4	—	17	25	—	1	—	1	3	1	—	—
Deformities—																
Acquired	30	42	—	40	23	—	57	47	—	16	—	4	6	4	1	—
Diagnosis	7	—	—	22	7	—	8	1	—	25	—	—	2	—	—	—
Totals	54	98	8	82	37	—	95	100	1	44	1	13	16	6	1	2

Moreton Clinic.

TABLE 1.

Disease Categories.	Remaining			New Cases			Remaining			Discharged, 1940.					
	1939. In relation to School age.			1940. In relation to School age.			1941. In relation to School age.			Cured	Relieved.	Over age— relieved.	Left District.	Refused Treatment.	Unsuitable.
	Under	Of	Over	Under	Of	Over	Under	Of	Over						
Infantile Paralysis	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—
Spastic Paralysis ..	2	2	—	—	—	—	1	3	—	—	—	—	—	—	—
Rickets	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—
Tuber- { Osteitis &	1	6	—	—	—	—	1	4	—	—	1	1	—	—	—
culous { Arthritis ..															
Non-Tuberculous do.	—	2	—	—	2	—	—	3	—	—	—	1	—	—	—
Deformities—															
Congenital	9	7	—	2	1	—	7	6	—	3	—	1	1	1	—
Deformities—															
Acquired	12	10	—	4	5	—	7	10	—	7	1	—	3	3	—
Diagnosis	2	1	—	2	6	—	1	1	—	—	—	—	1	—	8
Totals	26	29	—	9	14	—	18	27	1	10	2	3	5	4	8

REPORT ON THE WORK OF THE REMEDIAL SPEECH CLASSES.

In January, 1940, there were 17 children in attendance at the Church Street Centre, and 19 in attendance at the Eastway Centre, Moreton. These cases were classified as follows:—

<i>Defect.</i>	<i>Number.</i>
Stammer	21
Dyslalia	8
Dyslalia and severe stammer	1
Cleft palate	1
Word blind	5

Of these, 12 children were discharged during the year as no longer needing treatment ; 2 left the district, and 2 were withdrawn from the classes.

Attendances throughout the year were, of necessity, much more irregular than during previous years. The progress of some children was slowed down, but on the other hand irregular attendances led to smaller classes, and individual attention could therefore be given to various cases. Especially with older stammerers, the individual attention proved more satisfactory than class lessons.

Elleray Park Special School.

No. of Children on the Register, January 1st, 1940.

Boys 38. Girls 35. Total 73.

Removed from the Register during the year—28.

Valvular Disease Heart ...	...	...	7
Congenital Heart ...	...	...	1
Rheumatism ...	...	...	1
Chorea ...	...	...	2
Spastic Paralysis ...	...	...	1
Asthma ...	...	...	4
T.B. Peritoneum ...	...	...	1
T.B. Spine ...	...	...	2
Hip Disease ...	...	...	1
Malnutrition ...	...	...	8

Admitted during the year:—19.

No. of Children on the Register, December 31st, 1940:—

Boys 36. Girls 28. Total 64.

Classified as follows:—

	<i>Boys</i>	<i>Girls</i>
Spastic Paralysis...	5	3
Infantile Paralysis ...	1	1
Asthma ...	5	2
Congenital Heart ...	2	1
Valvular Disease Heart ...	4	1
Rheumatism ...	2	0
Chorea ...	1	2
Bronchitis ...	2	0
Tuberculosis Spine ...	0	2
" Peritoneum	1	0
Hip Disease ...	1	0
Defective Bone Formation	1	0
Nephritis ...	0	1
Malnutrition ...	11	15

During the year the School was inspected 8 times, and additional to General Surveys 39 children had a full medical examination.

Medical Record Cards.

Only 10 applications were received during 1940 from Medical Practitioners under the National Health Insurance (Juvenile Contributors and Young Persons) Act, 1937, for confidential information to be obtained from the School Medical Records.

Of this number, information respecting 1 boy and 7 girls was returned. In the remaining 2 cases no information was available.

Children Medically Examined for Employment Cards, 1940.

Delivering Newspapers	...	...	202
Delivering Milk	...	...	9
			<hr/>
Total	...		211

(Children who are employed *after School hours only* are not medically examined, Entertainment Licences excepted).

Children medically examined for Entertainment Licences total 5.

LIVERPOOL AND DISTRICT CHILD GUIDANCE CLINIC.

The School Medical Officer is indebted to the Honorary Chief Psychiatrist for his report on the Wallasey cases dealt with during 1940, and of which the following is a brief summary:—

New Cases 5.	Referred by Welfare Committee	...	1
	„ Hospitals	... ..	1
	„ Parent	... ..	1
	„ Director of Education		1
	„ Billeting Officer	...	1

In addition 4 cases were carried forward from 1939.

The conditions for which advice was sought were as follows:—

	<i>Stammering</i>	<i>Unsatisfactory Behaviour</i>	<i>Nervous Behaviour</i>	<i>Backwardness</i>
New Cases ..	1	2	2	—
Old Cases ..	—	2	2	—

Of the 5 new cases referred during the year, 2 were later closed owing to difficulties arising in connection with the attendance of the parents, the remaining 3 being carried forward into 1941.

The 4 cases brought forward from 1939 were all finally disposed of in 1940.

One was closed at the parent's request, although an improved status had been obtained with incomplete treatment, and another, owing to failure to keep appointments.

The treatment of the remaining two concluded with a final report in both cases of "much improved."

REPORT OF THE SENIOR SCHOOL DENTAL OFFICER.

There is not very much that can be said about the work of the school dental service during the year ending on December 31st, 1940, save that it carried on under difficulties.

There were periods when attendance was normal which alternated with periods when, for a time, things seemed to come to a standstill. The cause of the fluctuation, of course, was air raids and the various evacuations of the children. A great difficulty for the clinic was the movement of parents and children after a raid which made the normal records of addresses quite useless, but in spite of everything there was a steady daily flow of patients into the clinic at Church Street.

The dental service at Moreton was not upset quite so badly, and later as parents and children moved out of Wallasey, became almost as normal as pre-war.

A good deal of work was done at both clinics making children dentally fit before evacuation, particularly children who were due for overseas evacuation.

It became evident that the School Dental Clinic as a public service had become an accepted part of school life and that even wars and air raids would not prevent parents and children making use of them.

The supplies of technical materials have been maintained very well and there has not yet been any shortages : a supply sufficient for two months is in hand, just in case.

Four half days per week on the average were devoted to Wallasey children in the Wirral evacuation area. This area varied at first as children from the first evacuation drifted home, but eventually there was left one school each at Willaston, Neston, Heswall, Pensby and Irby ; later, Willaston school disappeared, and Heswall and Pensby were amalgamated at Moorland House, Heswall. During the summer months children from Elleray Park Special School were staying at Rigby House, Parkgate. The travelling dental service made at least one visit per month to each school, and the response was most gratifying, not to say embarrassing. Whether it was the absence from home, or the absence of a possible nervous parent, or just the chance of varying the monotony, the odd spectacle of children queueing up to see the dentist could be seen any time the travelling clinic arrived at a school ; surely the queerest queue of any in this day of queues.

The behaviour of the children was remarkably good, and much very useful work was done. The main object of the service was to see that no child suffered from toothache, because in spite of all clinic efforts children *do* get toothache, and away from established clinics in big towns, it is not always possible to get relief quickly

and easily. It may be said that no Wallasey child in the Wirral evacuation area needed to suffer unnecessarily; if the school dentist was not on the spot, he was always within call.

A tribute must be paid to the teaching staff both in Wallasey and particularly in the evacuation area for their unvarying help. In a town, the upset to a school from the visit of the school dentist is a good deal less than it is in the country, when the dentist works in the school itself; a helpful attitude from the teachers is of the utmost importance and was always well in evidence.

REPORT ON PHYSICAL TRAINING, 1940-41.

The beginning of 1940 opened with an exceptionally hard winter and depleted numbers in the Schools of the Borough owing to the evacuation of a number of children from Wallasey.

The bad weather made it impossible for any outdoor activities to be held for some weeks, but on the other hand, reduced numbers in the School attendance often made it possible for indoor accommodation to be available, where previously the Halls had been occupied by classes.

Later in the year when Air Raid alerts became numerous by day and night, and night raids took place, the children showed signs of fatigue, the result of disturbed nights often spent in shelters, and again the numbers in schools tended to decrease; with the later opening of the schools and many teachers away in the Reception Areas, it became increasingly difficult to fit every subject into the curriculum, and so follow a normal time-table. The Boys' classes in particular have suffered through the calling-up for the services of young and enthusiastic teachers of Physical Training.

In spite of all difficulties there were two improvements in Physical Training. For the first time, the swimming classes were reduced in numbers from 60 to 30, as a result of which a marked improvement in the children's performance was noticed. Secondly, more games were played on the Committee's new field at Withen's Lane, and in the Parks. Although only two thirds of the Withen's Lane Playing Field was available, a nearby Senior School (Boys and Girls) was able to take advantage of a really good playing field. Other Schools were unable to use this field or the Committee's field off Leasowe Road, as there was no Air Raid Shelter accommodation. The Season closed with Rounders Tournaments for Senior and Junior Girls, and the standard of play was most satisfactory. At the end of the summer vacation, all swimming and field games came to an end, owing to the frequency of Daylight Alerts.

The standard of work generally has suffered, but the teachers have made real efforts to keep things going. It is to be hoped that by next season things will be more normal, but in any case if the present day child is to grow up into a healthy citizen, Physical Training must have its place on the school time-table even if modifications are necessary.

WALLASEY EDUCATION COMMITTEE.

MEDICAL INSPECTION, 1940.Elementary Schools.

TABLE I.

RETURN OF MEDICAL INSPECTIONS.(A) ROUTINE MEDICAL INSPECTIONS.

Number of Inspections in the prescribed Groups:

Entrants	...	...	...	...	...	...	883
Intermediates	...	...	...	...	...	...	880
Leavers	...	...	...	...	...	...	634
							—
Total						...	2397
							—

Number of other Routine Inspections —

(B) OTHER INSPECTIONS.

Number of Special Inspections and Re-Inspections *253

* Does not include employment cases.

TABLE II.

(B) Classification of the Nutrition of Children Inspected during the Year in the Routine Age-Groups.

ROUTINE AGE-GROUP INSPECTIONS.

Age Groups.	Number of Children Inspected.	A. (Excellent)		B. (Normal)		C. (Slightly Sub-normal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Admissions.. ..	883	200	22.7	672	76.1	11	1.2	—	—
Intermediates ..	880	162	18.4	690	78.4	28	3.2	—	—
Leavers.. ..	634	170	26.8	428	67.5	36	5.7	—	—
Other Routine Inspections ..	—	—	—	—	—	—	—	—	—
Total	2397	532	22.2	1790	74.7	75	3.1	—	—

TABLE III.—TREATMENT OF DEFECTS OF CHILDREN DURING 1940.

Group I.—TREATMENT OF MINOR AILMENTS.

(Excluding Uncleanliness, for which see Group VI.)

Disease or Defect.	Number of Defects Treated.		
	Under Local Education Authority's Scheme	Otherwise	Total
Skin—			
Ringworm—Scalp	5 (*)	—	5
Body	19	—	19
Scabies	69	—	69
Impetigo	82	3	85
Other Skin Diseases	130	3	133
Minor Eye Defects (External & other)	101	4	105
Minor Ear Defects (Otorrhoea) ...	82	9	91
Miscellaneous	685	132	817
Total ...	1173	151	1324

* No X Ray cases as shewn in brackets.

GROUP II.—DEFECTIVE VISION AND SQUINT.

(Excluding Minor Eye Defects treated as Minor Ailments—Group I).

Errors of Refraction (including squint)—

No. of Defects dealt with—

Under the Authority's Scheme	416	
Otherwise	—	416

Other Defect or Disease of the Eyes (excluding those recorded in Group I)—

Under the Authority's Scheme	—	
By Private Practitioner or at Hospital, apart from the Authority's Scheme	—	
Otherwise	—	—
	—	416

No. of Children for whom spectacles were—

Prescribed—

Under the Authority's Scheme	367
Otherwise	2

Obtained—

Under the Authority's Scheme	367
Otherwise	2

Group III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

Received Operative Treatment—

	(i)	(ii)	(iii)	(iv)
Under the Authority's Scheme, in Clinic or Hospital	7	11	67	—
By Private Practitioner or Hospital, apart from the Authority's Scheme	—	—	—	—
Total	7	11	67	—

Received other forms of Treatment —

Total number treated 85

(i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and Adenoids.

(iv) Other defects of the Nose and Throat.

Group IV.—ORTHOPAEDIC AND POSTURAL DEFECTS.

	Under the Authority's Scheme. (1)			Otherwise. (2)			Total number treated.
	Residential treatment with education (i)	Residential treatment without education (ii)	Non-residential treatment at an orthopaedic Clinic (iii)	Residential treatment with education (i)	Residential treatment without education (ii)	Non-residential treatment at an orthopaedic Clinic (iii)	
Number of children treated ...	3	—	131	—	—	—	134

TABLE IV.

Group IV.—TREATMENT OF DENTAL DEFECTS.
NUMBER OF CHILDREN DEALT WITH DURING 1940.

Inspected by Dentist—

Routine Age Groups.	Age 5 years	259	Total 4474
	„ 6 „ ...	...	...	375
	„ 7 „ ...	...	...	391
	„ 8 „ ...	...	...	552
	„ 9 „ ...	...	...	469
	„ 10 „ ...	...	...	637
	„ 11 „ ...	...	...	524
	„ 12 „ ...	...	...	471
	„ 13 „ ...	...	...	408
	„ 14 „ ...	...	...	304
	„ 15 „ ...	...	...	58
	„ 16 „ and over	...	...	26
*Specials	1412
Grand Total					5886
Referred for Treatment	3362
*Specials	1412
					4774
Actually Treated	2378
*Specials	1412
					3790

* Includes 244 cases from the Secondary Schools.

TABLE IV.—Continued.

**PARTICULARS OF TIME GIVEN AND OF OPERATIONS
UNDERTAKEN.**

SCHOOL DENTIST'S REPORT FOR THE YEAR 1940.

Number of half-days devoted to Inspection	...	44	
Number of half-days devoted to Treatment...	...	1315	
Total	...	1359	
Total number of attendances made by Children for treatment	...	6447	† (244)
Number of Permanent Teeth—			
Extracted	...	1601	(111)
Filled	...	2152	(362)
Number of Temporary Teeth—			
Extracted	...	3919	(18)
Filled	...	20	(—)
Total number of Fillings	...	2172	(362)
Total number of Extractions	...	5520	(129)
*Number of administrations of general anaesthetics	...	2573	(73)
Number of Other Operations—			
Permanent	...	917	(108)
Temporary	...	—	(—)

*Nitrous Oxide.

† Figures in brackets denote Secondary School Statistics included
in first total.

TABLE IVa.

Particulars of Work carried out during 1940 by the School Dentist for Wallasey Children in the Reception Area to which they have been evacuated.

No. of Sessions for treatment	...	149	} Total 158
„ „ Inspection	... ..	9	
Children attending for Inspection or Treatment	...	1,525	
Children treated	... ..	731	
Children refusing Treatment or impossible to treat...		80	
Number of permanent teeth filled	... ..	343	
Other operations on permanent teeth	... ..	106	
Number of temporary teeth extracted	... ..	419	
Number of permanent teeth extracted	... ..	110	

TABLE V.

UNCLEANLINESS AND VERMINOUS CONDITIONS.

(1) Average number of Visits per School made during the year by the School Nurses	... ..	8.5
(2) Total number of Examinations of Children in the Schools by School Nurses	... ..	22,745
(3) Number of individual Children found unclean	...	609
(4) Number of Children cleansed under arrangements made by the Education Authority	... ..	—
(5) Number of cases in which legal proceedings were taken—		
(a) Under the Education Act, 1921	... ..	—
(b) Under School Attendance Byelaws	... ..	—

MENTALLY DEFECTIVE CHILDREN.

Total number of Children notified during the year ended 31st December, 1940, by the Local Education Authority to the Local Mental Deficiency Authority under the Mental Deficiency (Notification of Children) Regulations, 1928. - - - - - 2.

MEDICAL INSPECTION, 1940.

Secondary Schools.

TABLE I.

RETURN OF MEDICAL INSPECTIONS.

(A) ROUTINE MEDICAL INSPECTIONS.

Age Groups.					Boys.	Girls.	Total.
Entrants	Under 12	...	...	...	167	175	342
Intermediates	{ 12	...	...	...	150	214	} 1042
	{ 13	...	...	...	131	218	
	{ 14	...	...	...	168	161	
Leavers	{ — 15	...	...	...	125	105	} 413
	{ Over 15	...	...	...	58	125	
Totals					799	998	1797

Number of other Routine Inspections —

(B) OTHER INSPECTIONS.

Number of Special Inspections and Re-Inspections 12

TABLE II.

(B) Classification of the Nutrition of Children Inspected during the Year in the Routine Age-Groups.

ROUTINE AGE-GROUP INSPECTIONS.

Age Groups.	Number of Children Inspected.	A. (Excellent)		B. (Normal)		C. (Slightly Sub-normal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Admissions	342	131	38.3	192	56.1	19	5.6	—	—
Intermediates	1042	422	40.0	583	56.0	37	4.0	—	—
Leavers	413	259	62.7	144	34.9	10	2.4	—	—
Other Routine Inspections	—	—	—	—	—	—	—	—	—
Total	1797	812	45.2	919	51.1	66	3.7	—	—

TABLE III.

Group II.—Treatment of Visual Defects.

Submitted to Refraction—

Under Local Education Authority's Scheme .. 50

Otherwise —

50

For whom Glasses (a) Under L.E.A.'s Scheme .. 45

were prescribed (b) Otherwise —

45

For whom Glasses (a) Under L.E.A.'s Scheme .. 45

were provided (b) Otherwise —

45

Group III.—Treatment of Defects of Nose and Throat.

Received Operative Treatment—

Under Local Education Authority's Scheme .. 3

By Private Practitioner or Hospital —

3

Received other forms of Treatment —

P.S.—The number of Visual and Nose and Throat treatments' shewn in the above Groups II and III, have been extracted from the full tables on page 15, and are not additional.